

with a low  $\beta$  value, the  $\beta$  value of the  $\beta$ -phase is not so low as that of the  $\alpha$ -phase. The  $\beta$ -phase is not so stable as the  $\alpha$ -phase, and the  $\beta$ -phase is not so stable as the  $\alpha$ -phase.

5 The electrode has a layered structure having a Cu layer, an Ni layer and an Au layer in the order of from the lowermost layer, to have a step formed inside the mold by changing the wall thickness of the Cu layer.